

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1	"20040230161"	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/29 14:06
S2	1	"6017356".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/29 14:10
S3	1	"5308336".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/29 14:12
S4	1	"5385553".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/29 14:12
S5	1	"5387197".pn.	USPAT	OR	OFF	2006/03/29 14:35
S6	11	("4535733" "4539976" "5314417" "5323765" "5350393" "5364372" "5431635" "5571134" "5591190" "5607440" "5609604").pn.	USPAT	OR	OFF	2006/03/29 14:37
S9	930510	seal gasket	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/29 15:47
S10	7	S6 and S9	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/29 15:47
S11	1939732	over\$lap layer\$3	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/29 15:49
S14	8723	trocar	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/29 15:52
S15	10595	(over\$lap layer\$3) near (seal gasket ring)	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/29 15:57
S16	24	S15 and S14	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/29 15:52
S17	99117	(over\$lap layer\$3) with (seal gasket ring)	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/30 14:38
S18	351	S14 and S17	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/29 16:26
S19	21	(mark and zeiner).in.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/29 16:27

## EAST Search History

S20	836	ethicon and trocar	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/29 16:27
S21	367	S20 and seal	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/29 16:28
S22	229	S21 and (overlap layer\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/29 17:00
S23	254	antoon.in.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/29 17:09
S24	1	S23 and trocar	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/29 17:09
S25	1	"5827228".pn.	USPAT	OR	OFF	2006/03/30 13:33
S26	119632	(overlap\$4 layer\$3) with (seal gasket ring)	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/30 14:38
S27	113950	S26 and (member segment portion section piece)	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/30 14:40
S28	405	S27 and trocar	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/30 14:41
S29	1	"5242412".pn.	USPAT	OR	OFF	2006/04/04 09:35
S30	1750	606/185	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/04 09:37
S31	632	S30 and seal	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/04 14:43
S32	192	604/167.03	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/04 12:28
S33	1	"5147336".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/04 13:14
S34	190	"167.04"	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/04 13:14
S36	134	604/167.04	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/04 13:27
S37	167	604/167.06	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/04 13:27

## EAST Search History

S38	1750	606/185	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/04 14:44
S39	632	S38 and seal	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/04 14:44
S40	378	S39 and (trocar endoscop\$3)	USPAT	OR	OFF	2006/04/04 14:45
S41	1	"5800451".pn.	USPAT	OR	OFF	2006/04/05 09:25
S42	1	"6086570".pn.	USPAT	OR	OFF	2006/04/05 09:46
S43	17	("2023267"   "3872525"   "4673393"   "5000745"   "5009391"   "5030205"   "5041095"   "5053013"   "5057084"   "5092846"   "5104389"   "5389081"   "5409463"   "5507732"   "5743884"   "6086570").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/05 09:47
S44	1	"5342315".pn.	USPAT	OR	OFF	2006/04/05 10:27
S45	1	"4655752".pn.	USPAT	OR	OFF	2006/04/05 10:41
S46	43	(US-20040230161-\$ or US-20020013552-\$ or US-20020156432-\$ or US-20030187397-\$ or US-20030004529-\$ or US-20020019609-\$ or US-20030050604-\$).did. or (US-6017356-\$ or US-5308336-\$ or US-5591190-\$ or US-5385553-\$ or US-5387197-\$ or US-5607440-\$ or US-5364372-\$ or US-5571134-\$ or US-5431635-\$ or US-5314417-\$ or US-5350393-\$ or US-5323765-\$ or US-5989232-\$ or US-5913847-\$ or US-5865807-\$ or US-5720730-\$ or US-7011314-\$ or US-6981966-\$ or US-6702787-\$ or US-6569120-\$ or US-5628732-\$ or US-5217441-\$ or US-5827228-\$ or US-5342315-\$ or US-5657963-\$ or US-5603702-\$). did. or (US-5492304-\$ or US-5242412-\$ or US-6228061-\$ or US-5980493-\$ or US-5800451-\$ or US-6863661-\$ or US-5354280-\$ or US-6610031-\$ or US-5147336-\$ or US-4655752-\$).did.	US-PGPUB; USPAT	OR	OFF	2006/04/05 10:49
S48	27	S46 and cannula	USPAT	OR	OFF	2006/04/05 10:50
S49	5	S48 and protector	USPAT	OR	ON	2006/04/05 10:50
S50	262020	seal and (prong pin protrusion)	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/05 15:44

## EAST Search History

S51	144634	S50 and ring	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/05 15:42
S52	72437	S51 and valve	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/05 15:43
S53	1475	S52 and cannula	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/05 15:43
S54	493	S53 and trocar	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/05 15:43
S55	863480	seal	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/05 15:44
S56	6979	ring near (pin prong protrusions)	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/05 15:44
S57	1815	S55 and S56	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/05 15:45
S58	616	S57 and valve	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/05 15:45
S59	16	S58 and cannula	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/05 15:45